Amateur Radio Newsline(tm) Report 1666 - July 17 2009

Amateur Radio Newsline report number 1666 with a release date of Friday, July 17th, 2009 to follow in 5-4-3-2-1.

The following is a Q-S-T. Australia will launch all student made ham-sat, the United States Senate wants a complete inventory of the entire electromagnetic spectrum, 40 meter expansion is delayed in some nations and we announce this years Amateur Radio Newsline Young Ham of the Year. Find out who it is on Amateur Radio Newsline(tm) report number 1666 coming your way right now.

(Billboard Cart Here)

**

HAM RADIO IN SPACE: VK TO LAUNCH BLUESAT - A DIGITAL HAM SATELLITE

A new ham radio digital satellite is being designed and built down-under solely by students at Australia's University of New South Wales. Its called BLUEsat and Frank Lusa, VK2FJL has its story.

--

The satellite is a small cube measuring approximately 260mm on each side, excluding antennae, and weighs around 14kg.

Powered by fixed solar panels on each face, it will carry a flight computer, radio transmitters and receivers, a power-control system, battery packs for when its orbit places it in the Earth's shadow, magnets to passively stabilize the satellite and align it with the Earth's magnetic field, and will be controlled via a dedicated communications ground station at UNSW.

BLUEsat will be placed in an approximately circular orbit at an altitude of around 750km that will take it over the poles. At this altitude, the satellite will travel around the Earth at a rate of around once every 90 minutes.

What Will BLUEsat Do? Once in orbit BLUEsat will be a digital amateur radio satellite, which means that voice and data files can be uploaded to it by any amateur radio operator in the world over which the satellite passes. These same files can be retrieved by other operators in either real time, provided that the sender and receiver both have line-of-sight contact with the satellite, or at some other time when the satellite has travelled around to a different part of the world. This allows voice and data communication to and from remote areas without internet access.

Success for BLUEsat is not measured solely by the payloads they aim to place in space. Overarching objectives are to show that a group of volunteer students can build satellite; to show that Australia can make a significant contribution to space hardware engineering; to provide students in Australia with hands-on space engineering and project

management experience and to provide an extension to the worldwide digital amateur radio service.

--

As far as anyone is aware, BLUEsat is believed to be the only university satellite project in the world with an entirely volunteer student team. There are no full-time members and no direct academic supervision. (WIA News)

**

RADIO LAW: US SENATE WANTS TO KNOW WHAT SPECTRUM IS IN USE

The United States Senate Commerce Committee wants Congress to get an inventory of how the nation's spectrum is being used and managed. To accomplish this the committee has passed a measure backed by Communications Subcommittee Chairman to have the Federal Communications Commission and the National Telecommunications and Information Administration report to Congress how much spectrum is used in each band and how. This includes what portions require a license for use and what portions allow unlicensed use.

The measure has now been sent to the full Senate though it's unclear if or 166-law-spectrum-congress when it would get on the calendar for a vote. According to several news sources the administration supports the measure as officials consider the lack of available wireless airwaves a barrier to widespread mobile Internet access which is a priority for President Barack Obama. A companion bill was introduced in the House of Representatives two weeks ago as well. (Published news reports)

**

RADIO LAW: RSGB TELLS OFCOM TO STOP LISTING LICENSE DATA ON THE WWW

The Radio Society of Great Britain is not only saying no to publishing a government database of hams on the Internet, its telling telecommunications regulator Ofcom to stop. Jeramy Boot, G4NJH, is in Nottingham in the U-K with more:

--

The RSGB has written to Ofcom raising concern at the release, in full, of the detailed amateur radio database on their web site.

This, Ofcom says, follows a number of requests from radio amateurs for the details to be released under the Freedom of Information Act.

After consultation with the Information Commissioners office, the RSGB has learned that Ofcom could be in breach of the Data Protection Act in releasing these personal details, which include the name and address of each individual radio amateur in electronic form, on their website and hence to the wider community.

The RSGB's main concern is the security of the details, which can now

be downloaded by any individual, radio amateur or not.

Im Jeramy Boot, G4NJH.

--

But it may be a little to late to put the proverbial genie back in its bottle. Ian Able, G3ZHI, says that has already received a license from Ofcom allowing him to publish the UK Amateur Radio Callbook data. He already has it on line for download at his website. Its in cyberspace at http://www.qsl.net/g3zhi/cb1.html (GB2RS, G3ZHI)

**

RESTRUCTURING: 40 METER EXPANSION DELAYED IN SOME AREAS

Dozens of countries in International Amateur Radio Union Regions 1 and 3 have yet to adopt the 40 meter extension of 7.1 to 7.2MHz in their domestic regulations. In IARU Region 3 only Australia, China, Japan, Korea and New Zealand report having finalised the band extension for their radio amateurs. A similar story of progress is evident in IARU Region 1, with Belarus, France and South Africa being the latest to gain the band extension.

Some are already question if the slow progress sending a wrong message to errant broadcasters? While the vast majority of shortwave broadcasting community have left the band, some have not. Among those persisting is the recently returned Laos National Radio with Cambodian, English, French, Thai and Vietnamese language broadcasts on 7.145 MHz. Its 10kW transmitter has been heard on the west coast of the USA and also into Europe. (Amateur Radio Victoria)

**

RADIO POLITICS: ARRL BOD MEETS IN CONNECTICUT

As we go to air, the ARRL Board of Directors is holding its second meeting of 2009. The location is Windsor, Connecticut, with ARRL divisional Directors, Vice Directors and Board officers in attendance. The meeting was preceded on Thursday, July 16 with meetings of the Administration and Finance Committee and the Programs and Services Committee. More on the outcome of these meetings on next weeks Amateur Radio Newsline report. (ARRL)

**

RESCUE RADIO: HAM RADIO HELPS AVOID FIREWORKS ACCIDENT

Swift action by some northern Indiana hams may have saved lives and prevented serious injuries during a public fire works display. Jack Parker W8ISH has the story.

--

A joint training exercise between LaPorte and Porter counties in northwest Indiana ended with a bang last week. According to Ken

Osborne-N9ZIP, members of the two RACES groups set up a command post to help pass health and welfare information during the festival and fireworks display in Michigan City. The all day event went smoothly as RACES members relayed information about lost children and minor medical needs to the Incident Command Unit near the park..

That routine day blew up in their faces when the fireworks show started. Gun shots were fired in the large crowd, directly in front of one of the RACES information stations. RACES immediately called in a report of gun shots to the Incident Command post. Park police quickly responded to the area. .

Officials said the crowd of over 10-thousand people began panic as they ran from the gun shots. During the mass confusion, several fights broke out. RACES members immediately relayed the fight locations to Incident Command. As the stampede rushed from the area one pregnant woman fell and was trampled by the crowds. She went into labor. Again, one of the Amateur Radio operators rushed to her aid and called for medical assistance. At last report the expectant mother was doing OK.

Reporting for Amateur Radio Newsline, this is Jack Parker W8ISH.

--

Local officials commended the Porter and LaPorte hams on their quick action and on the professional manner in handling multiple incidents. (W8ISH)

**

RESCUE RADIO: HAM RADIO HELPS AVOID RAILWAY ACCIDENT

Ham radio may have helped to avoid a railway accident. One involving a group of Illinois youngsters who decided to try to joy ride on a commuter train.

Paul Streeter, AB9PS, had been attending a meeting of the National Railway Historical Society in Downers Grove, on Friday night, July 10th. As his train home departed the station, his son David, N9JFE, and two other club members who had waited with him noticed that a couple kids had jumped onto the engine. Sensing the urgency in the situation, N9JFE used the emergency provision of the FCC's Amateur Service rules. He tuned his HT to the railroad's frequency to notify the engineer that he had some unwanted kids clinging to the locomotive.

The engineer brought the train to an emergency stop. As soon as the train came to a halt, the crew jumped out when it chased the kids away.

Now here's the kicker. Apparently the kids took refuge right in front of the Downers Grove Police Department after they jumped off the engine. In fact, they were seen sitting on the agency's steps. The engineer then asked the dispatcher to notify the police of what had transpired and of the youngsters where-abouts.

AB9PS says that in his opinion that the situation was definitely

life-threatening. He says that the train could have reached 60 mph even though it was a local. At that speed the kids would not have been able to hang on. (KC9RP)

**

BREAK 1

>From the United States of America, We are the Amateur Radio Newsline, heard on bulletin stations around the world including the N9LKH repeater of the Milwaukee Area Amateur Radio Society serving Milwaukee Wisconsin.

(5 sec pause here)

**

ARNEWSLINE ANNOUNCES 2009 YHOTY WINNER: ANDREW KOENIG, KE5GDB

A 15 year old from Houston, Texas, has been selected as the 2009 Amateur Radio Newsline Young Ham of the Year. This, based on his dedication to public service as well as working to bring kids, teens and adults into the hobby. Amateur Radio Newsline's Mark Abramovich, NT3V, happens to chair the committee that made the decision and has the story of Andrew Koenig, KE5GDB:

--

NT3V: "Andrew, you are the 2009 Young Ham of the Year."

KE5GDB: "You, you, you, you're serious?"

NT3V: "I'm very serious."

KE5GDB: "Wow! Oh, my God. All my friends here at Seabase are going to be really impressed. Oh, my God!"

And, that's how it sounded when we caught up with Andrew Koenig at the Boy Scouts of America Florida Seabase where he had just arrived with members of Troop 848 from Houston for a week of scuba diving adventures.

The Life Scout, who is just shy of his 16th birthday, is working to earn the Eagle rank and was ecstatic to learn he had been chosen for special recognition by Newsline.

Before telling him he had been selected as the Young Ham of the Year, I asked Andrew how he might feel if he were to receive such an award. He said it would be a nice honor to share with his mentors, including his chief Elmer and award nominator - Nick Lance, KC5KBO, who has helped several NASA astronauts earn their ham tickets.

"Young Ham of the Year would probably go in the book of things that I've done in ham radio that they are really impressed with," Andrew said. "It would just mean a lot to me.

"Nick Lance, he hasn't really been pushing me to do anything. A lot of the stuff I discover on my own. But, he's one of the big roles, one of the key aspects in ham radio and it would give him a really good feeling to know that one of his students went on to get youth ham of the year."

Andrew holds a General class license and passed the test for his first ticket back in 2005 while a sixth-grader at the Westbrook Intermediate School in Houston where Lance - who is retiring in August from the Johnson Space Center - teaches an amateur radio license class.

He is the son of Joe and Lauri Koenig of Houston. Joe is KE5JQA and got licensed as a result of Andrew's interest. Andrew also has a younger brother, Kyle.

Among the achievements Andrew has accomplished is helping with an Amateur Radio on the International Space Station contact at the Westbrook Intermediate School.

"I actually helped test a lot of the equipment for the contact, since it was a telebridge contact," Andrew recalled. "The station that was actually contacting the ISS was in California, I believe.

"And, we were in Clear Lake, Texas. So, for some reason the phone patch wasn't working properly. So, I had to actually go into one of the school phones and test that - I think about 15 minutes worth of testing before the contact started. And, finally right on time, we got it going again and everything was working just fine."

The contact with Astronaut Clay Anderson, KD5PLA, was a success - thanks to Andrew.

He also helped facilitate a terrestrial contact between Astronaut Chris Hadfield KC5RNJ/VA3OOG and students at two Canadian schools using an IRLP node he had built and placed in his bedroom closet.

Andrew, who enjoys VHF and UHF operations, tried and tried and was finally successful in making his own contact with the space station using his handheld radios and portable Yagi.

Here is an edited portion of his QSO with Astronaut Mike Fincke, KE5AIT aboard the space station:

KE5GDB: "Kilo Echo 5 Golf Delta Bravo."

NA1SS (KE5AIT): "Kilo Echo 5, this is NA1SS, go."

KE5GDB: "NA1SS, KE5GDB, I'm Echo Lima 29. I'm actually about three miles away from the Johnson Space Center. And, it's pretty cool to talk to you."

NA1SS (KE5AIT): "Wow, we know where the Johnson Space Center is. Yeah, Sandy and I work, live right nearby and then he's visited there often. He's waving right now. And, we hear the weather in Houston is pretty good, over."

KE5GDB: "It's about 60 degrees out right now and I'm outside in my back yard with two handheld radios and I'm having a good time."

Andrew also has participated in training astronauts at the Johnson Space Center on ARISS contacts with schools, conducting simulated QSOs with them playing the role of the school students.

Andrew also has been active with public service events through the Clear Lake Amateur Radio Club in suburban Houston where he is immediate past vice president.

Among his achievements, creating his own bicycle mobile setup.

"I had tried putting a handi-talkie on my bike and I wasn't impressed with the results because the rubber duck just didn't get out out as far as I wanted to," Andrew recalled. "A couple months before, I had ordered my first mobile rig the FT-7800.

"And, actually a couple weeks before I decided to put it altogether on the bike. I had bought a brand new gel cell battery. So, I thought, you know, hey I've got this remote that came free with the radio, I've got the battery, I've got an antenna, I got everything I need to make it happen. So, I just mounted it all on the bike with zip ties and I had 50 watts mobile on a bike for VHF and UHF."

That attracted some attention from CQ Magazine which was looking for photo ideas for its 2008 calendar. The magazine dispatched CQ photographer Larry Mulvehill WB2ZPI to Houston and Andrew's bicycle mobile became the calendar photo for September 2008.

Andrew is going into his sophomore year at Clear Lake High School where he is a member of the school's marching band. He is also a member of the Seabrook Citizen's Emergency Response Team. Andrew really is into computers and creating websites and he maintains his own website started when he was in middle school. Check out www.thathamkid.com.

It offers kid-friendly information about ham radio, along with a jokes page and a lot more about Andrew's activities in amateur radio - including his working satellites.

His Elmer and nominator for this award, Nick Lance, KC5KBO, summed it up best when he said: "Andrew has truly been an outstanding student of amateur radio.....He is an inspiration both to his fellow students and to hams of all ages."

We here at Amateur Radio Newsline agree and we're proud to have selected Andrew as our 2009 Young Ham of the Year.

For the Amateur Radio Newsline, I'm Mark Abramowicz, NT3V, in Philadelphia.

--

Andrew Koenig, KE5GDB, will receive his award at the 2009 Huntsville Hamfest slated for the weekend of August 15th and 16th at the Von Braun

Center in Huntsville, Alabama. We hope to see many of you there. (ARNewsline(tm))

**

NAMES IN THE NEWS: HAMVENTION 2010 ANNOUNCES LEADERSHIP

Lee Boeckerman, W8LFB, has been named General Chairman for the 2010 Dayton Hamvention with Mike Kalter, W8CI, to serve as assistant general chairman. Both have extensive Dayton Hamvention experience. Boeckerman served as assistant general chairman in 2009 and Kalter was on the administrative staff and handled spokesperson duties. Both also have a variety of experience with previous Hamvention's.

Boeckerman is reportedly now assembling his team of Chairmen for the various committees needed to plan and execute next years outing. Many experienced volunteers from 2009 are returning for another year. Hamvention 2010 scheduled for May 14th to the 16th at Hara Arena in the Dayton suburb of Trotwood, Ohio. (Dayton Hamvention¿½)

**

NAMES IN THE NEWS: NEW SECTION MANAGER APPOINTED IN OHIO

Frank Piper, KI8GW, has been appointed Section Manager of the ARRL Ohio Section. Before being selected as the new S-M, Piper held a number of ARES leadership positions including that of Emergency Coordinator from 2002 to 2003 and then as District Emergency Coordinator from 2003 to 2006. He was promoted to Section Emergency Coordinator, serving in that position until 2008. Piper has also served as an Official Emergency Station in the ARRL Field Organization since 1997. He will serve the balance of the term of the late Joe Phillips, K8QOE, who passed away on June 20th. (ARRL)

**

NAMES IN THE NEWS: VK HAM MAKES QUEENS BIRTHDAY HONORS LIST

Syd Griffith VK2AHF has been recognized in the Queen's Birthday honors list. Griffith was awarded the Public Service medal for his outstanding public service, particularly in innovative and sustained contribution to the enhancement and improvement of the technical capabilities of New South Wales Police. He will be presented with his medal by the Governor General later in the year. (WIA News)

**

NAMES IN THE NEWS: DX'ER K4UEE IN KENYA ON HUMANITERIAN MISSION

Bob Allphin, K4UEE, spent the past week in Kenya doing a short term mission work that included ham radio. Before his departure Alperin told the Ohio Penn DX Newsletter that he was traveling to a village located about 3 to 4 hours north of Nairobi where he would be involved in several different projects including production of a video and demonstrating amateur radio in the local high school.

By way of background, Bob Allphin, K4UEE, has visited ninety-five DXCC entities and operated from fifty-two. He has participated in twenty eight DXpeditions, including seven from "top 10" DXCC entities. Alperin is also an active contester and has participated in thirty-three contest DXpeditions. Six of these efforts resulted in new World Records.

While Bob had some gear with him on this trip, his main emphasis was the humanitarian service projects he traveled half way around the world to assist in. See: http://www.410bridge.org for more information. (OPDX)

**

BREAK 2

This is ham radio news for today's radio amateur. From the United States of America, We are the Amateur Radio Newsline with links to the world from our only official website at www.arnewsline.org and being relayed by the volunteer services of the following radio amateur:

(5 sec pause here)

**

THE CHANGING OF THE GUARD: HRK SAN DIEGO MANAGER TOM MCDUFFIE KM6K - S.K.

Tom McDuffie, KM6K, the manager of Ham Radio Outlet's San Diego store became a Silent Key on Monday, July 13th. This, according to Chip Margelli, K7JA, who also passed along a bulletin posted to the San Diego Amateur Repeater Association by Tom's wife Susan.

In her note she said that her husband took ill on Sunday the 12th while driving on State Route 52. He was able to pull to the side of the road before he lost consciousness. The California Highway Patrol found him in his locked vehicle a few hours later. They had to break a window to enter and get Tom out and transport him to Sharp Hospital in San Diego. He was diagnosed as having suffered a stroke and succumb the following morning.

At airtime memorial services for Tom McDuffie, KM6K, have not been announced. (K7JA)

**

EMERGING TECHNOLOGY: LAPTOPS AND NOTEBOOKS REPLACING DESK PC'S

The age of the desktop PC appears to be over. This as its more portable cousins, the laptop and notebook surge ahead with consumers clamoring for light-weight computers in funky designs for use at home, in cafes and on the heir to work.

Not a single desktop model figured on online shopping portal Amazon.com's top 10 selling PC and hardware list the weekend before Christmas 2008. However seven laptop models made the list.

Those who watch trends in the computer industry say that this is yet another sign that the former dominance of desktop PCs is fading. The reason being that advances in wireless technology and lower prices make laptops and notebooks the preferred option for millions of PC users around the world. (Science OnLine)

**

WORLDBEAT: CROSS EUROPE HAM TREK

MM0DFV has started out on a 7000km mobile journey from Scotland through France, Belgium, Germany, Poland, Belarus, Russian, Kazakhstan and back. He has his HF gear with him and operating as he goes. His main mode of operation will be PSK and he plans to have different QSL cards for each new stop. The trip should last until August 10th. QSL as directed by MM0DFV. (GB2RS)

**

HAM RADIO IN SPACE: SUITSAT-2 ENGINEERING CONFERENCE A SUCCESS

A follow up to last weekends meeting in Phoeniix, Arizona, to work on the engineering aspects of the SuitSat-2 or whatever the project will be renamed now that the space suit aspect of SuitSat-2 is gone.

According to System Engineer, Gould Smith, WA4SXM, progress was occurring on several fronts. Smitth says that the command receiver boards were assembled and ready for testing and were integrated for the first time. The team was able to report that the receiver is now providing good input to the transponder and as a result the transponder became operational and produced CW, FM and BPSK signals.

Also at the meeting issues regarding housing SuitSat-2 have began being addressed. This, to replace the spacesuit jettisoned into space from the International Space Station that was supposed to carry SuitSat-2. One that cab survive the deep cold of space. (ANS)

**

RADIO IN SPACE: TWITTEREING THE ISS VISIBLE PASSES

Two Dutch journalists have built a established a Twitter page to let people know when a visible ISS pass is coming. To use it, go to twitter.com/twisst. To which we will add that it appears that Twitter is becoming an all but indispensable tool to anyone involved in ham radio in space. (ANS)

**

HAM RADIO IN SPACE: COMMEMORATING THE FIRST MANNED LUNAR LANDING

AMSAT-North America will mark the 40th anniversary of the first manned lunar landing with a special event on the AO-51 ham satellite. On Monday, July 20th and into early July 21st UTC, AO-51 will transmit a special message commemorating the event during evening passes. The

message will be transmitted on the 435.300 MHz FM downlink. A special AO-51 QSL will be available to ground stations who copy the message on the downlink.

Also, use of the call VE3MOON has approved by Industry Canada for use in celebration of the 40th anniversary of the first moon landing. It through the 27 of July. QSL requests go too VE3OIJ, direct, via the bureau or using eQSL. (ANS)

**

ON THE AIR: RAMSEY ISLAND WHERE THE BIRDS ARE

On the air, members of Great Britain's Strumblehead DX and Contest Group have now obtained permission from the Royal Society for the Protection of Birds to activate Ramsey Island. Its located off the West Wales coast and the group will be active from 1800 UTD on July 24th through 1400UTC on July 27th using the club callsign MC0SHL. Their activity will be on all bands from 80 to 10 meters operating only on SSB. (OPDX)

**

ON THE AIR: 13 COLONIES SE-HUGE SUCCESS!

And word that the recent 13 Original Colonies event has been deemed a major success. This, with over10,000 QSO's made and every continent contacted.

Ken Villone, KU2US is the 13 Original Colonies Awards Manager. He says that a large amount of interest in this event was generated in the United Kingdom. As a result the 2010 outing will include two U K stations representing the "Mother Country". This will open up all of the Europe to the on the air celebration.

More information about the 13 Original Colonies events is at the KU2US listing on QRZ.com (E-mail)

**

DX

In DX, JA7QVI needs your help to complete a rather ambitious ham radio project. Tak says that he will be calling CQ on the 50 MHz, 6 meter band for the rest of July from 2200 to 0000 UTC Monday through Friday and 2200 to 0200 UTC on Saturday and Sunday. This in the hope of becoming the first mainland Japan station to achieve the ARRL's Worked All States award. Tak adds he really needs to make contact with hams in New Jersey and Louisiana to qualify. Please listen out for him and help him to achieve this long sought after goal.

F5LMJ, will be in Liechtenstein through July 24th operating portable HB0. His modes will be CW and digital during his evening and early morning hours. QSL via F5LMJ via the bureau or electronically via Logbook to the World.

VE3ZIK will once again be active portable as 9A from Bilice, Croatia through August 3rd. Listen for him on the HF bands using CW, SSB and some digital modes. QSL via DO7ZZ, direct or by the bureau. Logs will be uploaded to eQSL and Logbook to the World.

SV1EJD will be on the air portable SV8 from Lesvos in the North Aegean Islands through the 22nd of July. QSL via his home call, either direct or via the bureau.

YC0IEM, will be active from Bali through July 27th. QSL via IZ8CCW.

Lastly, MM0DFV has started out on a 7000km mobile journey from Scotland through France, Belgium, Germany, Poland, Belarus, Russian, Kazakhstan and back. He has his HF gear with him and operating as he goes. His main mode of operation will be PSK and he plans to have different QSL cards for each new stop. The trip should last until August 10th. QSL as directed by MM0DFV.

(Above from various DX news sources)

**

THAT FINAL ITEM: THE BOSTON T-HUNT

And finally this week, an on-foot hidden transmitter hunt in Boston has drawn competitors from around the world. Newsline's Joe Moell, K0OV, has the outcome:

--

Every odd-numbered year, the three regions of the International Amateur Radio Union, the IARU, plan world-class on-foot hidden transmitter hunts and they invite the hams of the world to attend. Region 2, which encompasses all of North and South America, had its championships in Boston on the first weekend of June. It was combined with USA's annual national championships and was hosted by Vadim Afonkin KB1RLI. He is one of USA's best at the sport, which is also called radio-orienteering and ARDF.

With help from the New England Orienteering Club, Vadim set out two challenging courses in the 7000-acre Blue Hills Reservation south of Boston, one course on two-meters and the other on 80 meters. These transmitter hunts drew hams from all over the USA plus eight other nations. Some of those countries, such as Ukraine and Russia, have training programs that have developed the world's best radio-orienteers over the years, so it's no surprise that the best performances were from those nations.

But the stateside competitors, 44 per cent of whom were first-timers, did very well themselves. For example, in the three categories for women, USA captured all but one of the gold medals. Dick Arnett WB4SUV and Bob Cooley KF6VSE took gold in the category for men over age 60. And former Newsline Young Ham of the Year Jay Thompson W6JAY was best in the USA on two meters in the category for men in their 20s and 30s.

For complete results and photos of the championships in Boston, point

your Web browser to homingin.com. That's homingin -- as one word -- homingin.com. USA's best on-foot foxhunters not only received medals, but they are on track to be part of our country's team for the World Championships in Croatia next year.

For Amateur Radio Newsline, this is Joe Moell K0OV.

--

Needless to say, a good time was had by all. (K0OV)

**

NEWSCAST CLOSE

With thanks to Alan Labs, AMSAT, the ARRL, the CGC Communicator, CQ Magazine, the FCC, the Ohio Penn DX Bulletin, Radio Netherlands, Rain, the RSGB, the Southgate News and Australia's W-I-A News, that's all from the Amateur Radio Newsline(tm). Our e-mail address is newsline@arnewsline.org. More information is available at Amateur Radio Newsline's(tm) only official website located at www.arnewsline.org. You can also write to us or support us at Amateur Radio Newsline(tm), P.O. Box 660937, Arcadia, California 91066.

For now, with Bill Pasternak, WA6ITF, at the editors desk, I'm Jeff Clark, K8JAC, saying 73 and we thank you for listening.

Amateur Radio Newsline(tm) is Copyright 2009. All rights reserved.